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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:  
Date: July 27, 2005 Name: Terry Wand Signature: *Terry Wand*

BRINKS  
HOFFER  
GILSON  
& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: James L. Hanna

Appln. No.: 10/774,940

Filed: February 9, 2004

For: CRACK DETECTION SYSTEM

Attorney Docket No: 10588-032

Examiner:

Art Unit: 2613

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Supplemental Information Disclosure Statement; One Sheet of Form PTO-1449 and 4 required references  
☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.  
☐ Small Entity.  
☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).  
☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_).  
☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.  
☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.  
☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).  
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

*Robert K. Fergan*

Robert K. Fergan (Reg. No. 51,674)

July 27, 2005

Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: JAMES L. HANNA  
Appln. No.: 10/774,940  
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For: CRACK DETECTION SYSTEM  
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b), Applicant hereby cites the following reference(s):

No.	Date of Publication	Patentee/Applicant/Assignee
4,410,278	10/18/1983	Makihira et al.
6,028,671	02/22/2000	Svetkoff et al.
6,252,661B1	06/26/2001	Hanna
57-175942	10/29/1982	Japan Abstract
Automatic Vision Inspection and Measurement System for External Screw Threads, R.J. Hunsicker, J. Patten, A. Ledford, C. Ferman, M. Allen, C. Ellis, Journal of Manufacturing Systems, Vol. 13, No. 5, 1994, pp. 370-384		
A Vision System for Standard Parts Inspection and Measurement, Zhou Man-li, Li Bin, Zhu Yao-ting, , Zhang Za9-qun, Wang Xiao-yan, Qian Si-cong, IAPR Workshop on CV, Oct. 12-14, 1988, pp. 149-152		
Ford Uses Vision in Assembly Machine, Sensor Review, Oct. 1984, pp. 175-176		

Applicant is enclosing Form PTO-1449 (one sheet), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). As each of the listed references is in English, no further commentary is believed to be necessary, 37 C.F.R §1.98(a)(3). Applicant respectfully requests the Examiner's consideration of the above reference(s) and entry thereof into the record of this application.

By submitting this Statement, Applicant is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other

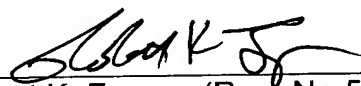
information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicant has calculated no fee to be due in connection with the filing of this Statement. However, the Director is authorized to charge any fee deficiency associated with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.

Respectfully submitted,

July 27, 2005

Date

  
\_\_\_\_\_  
Robert K. Fergan (Reg. No. 51,674)



FORM PTO-1449	APPLICATION NO. 10/774,940	CASE NO. 10588-032
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE February 9, 2004	ART UNIT 2613
APPLICANT(S): James L. Hanna		

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	4,410,278	10/18/1983	Makihira et al.		
	6,028,671	02/22/2000	Svetkoff et al.		
	6,252,661B1	06/26/2001	Hanna		

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
	57-175942	10/29/1982	Japan Abstract		X

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
	Automatic Vision Inspection and Measurement System for External Screw Threads, R.J. Hunsicker, J. Patten, A. Ledford, C. Ferman, M. Allen, C. Ellis, Journal of Manufacturing Systems, Vol. 13, No. 5, 1994, pp. 370-384
	A Vision System for Standard Parts Inspection and Measurement, Zhou Man-li, Li Bin, Zhu Yao-ting, , Zhang Za9-qun, Wang Xiao-yan, Qian Si-cong, IAPR Workshop on CV, Oct. 12-14, 1988, pp. 149-152
	Ford Uses Vision in Assembly Machine, Sensor Review, Oct. 1984, pp. 175-176

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.